

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001261

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: G06T 7/60, G01N 21/41, 21/84, C12Q 1/02, G01B 11/28, G01J 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI, PCT, USPTO (IPC: as above, cell, phase, area, confluence, boundary, border, in vitro, defocus, etc.)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	JP 2004-54347 A (FUJITSU LTD), 21 May 2004 the whole document	1-33
X, P	WO 2004/042392 A1 (FUJITSU LTD), 21 May 2004 the whole document	1-33
A	WO 00/26622 A1 (THE UNIVERSITY OF MELBOURNE), 11 May 2000 the whole document	1-33
A	WO 03/012407 A1 (IATIA IMAGING PTY LTD), 13 February 2003 the whole document	1-33

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "B" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
3 November 2004

Date of mailing of the international search report
10 NOV 2004

Name and mailing address of the ISA/AU
AUSTRALIAN PATENT OFFICE
PO BOX 200, WODEN ACT 2606, AUSTRALIA
E-mail address: pct@ipaaustralia.gov.au
Facsimile No. (02) 6285 3929

Authorized officer
MATTHEW HOLLINGWORTH
Telephone No : (02) 6283 2024

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001261

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	C. L. Curl et al, <i>Quantitative Phase Microscopy: a New Tool for Measurement of Cell Culture Growth and Confluence in Situ</i> , July 2004 European Journal of Physiology, Vol. 448, No. 4, pp. 462-8.	1-33
O	C. L. Curl et al, <i>Measurement of Area Changes in Human Airway Smooth Muscle Cells Using QPM</i> http://www.iatia.com.au/technology/applicationNotes/measurementOfAreaChanges.pdf (section entitled "Acknowledgements")	1-33

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001261

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member							
JP	2004054347	NONE								
WO	2004042392	NONE								
WO	0026622	AU 15005/00	BR	9914976	CA	2348912				
		EP 1127252	ZA	200103169						
WO	03012407	NONE								
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.										
END OF ANNEX										